

# **Jeremy's Construction Ltd.**

Environmental Assessment

*Registration Document*

Proposed Doyles (Beaver Pond) Quarry Extension

Submitted by:

Jeremy's Construction Limited

P.O. Box 23

Doyles, NL

A0N 1J0

February 2025

## Table of contents

<b>1.0</b>	<b>Name of undertaking</b>	<b>1</b>
<b>2.0</b>	<b>Proponent</b>	<b>1</b>
2.1	Name of corporate body	1
2.2	Address	1
2.3	Chief executive officer	1
2.4	Principal contact person	1
<b>3.0</b>	<b>The undertaking</b>	<b>1</b>
3.1	Nature of the undertaking	1
3.2	Purpose/rationale/need for undertaking	1
<b>4.0</b>	<b>Description of the undertaking</b>	<b>1</b>
4.1	Geographic location	1
4.2	Physical features	2
4.2.1	Project site description	2
4.2.2	Existing biophysical environment	2
4.3	Construction and operation	2
4.3.1	Site access	2
4.3.2	Site clearing	2
4.3.3	Quarry development	3
4.4	Potential sources of pollution during construction and operation	3
4.5	Potential resource conflicts	3
4.6	Occupations	4
4.7	Reclamation and closure	4
4.7.1	Reclamation methods	4
4.8	Project options considered	4
4.9	Project related documents	5
<b>5.0</b>	<b>Schedule</b>	<b>5</b>
<b>6.0</b>	<b>Funding</b>	<b>5</b>
<b>7.0</b>	<b>Submission</b>	<b>5</b>

## List of figures

Figure 1: Google Earth quarry extension location	6
Figure 2: UTM Zone 21 coordinates of proposed extension site	6
Figure 3: Site layout drawing with proximity to Little Codroy River	7
Figure 4: Topo 1:50,000 map of area for proposed quarry extension.	8
Figure 5: Google Earth with coordinates	9

<b>1.0</b>	<b>Name of undertaking</b>	Doyles quarry extension
<b>2.0</b>	<b>Proponent</b>	
<b>2.1</b>	<b>Name of corporate body</b>	Jeremy's Construction Ltd.
<b>2.2</b>	<b>Address</b>	P.O. Box 23 Doyles, NL A0N 1J0
<b>2.3</b>	<b>Chief executive officer</b>	Jeremy Pope Owner Doyles, NL A0N 1J0
<b>2.4</b>	<b>Principal contact person</b>	Jeremy Pope 709 695 8882 jeremypope69@hotmail.com

### **3.0 The undertaking**

#### **3.1 Nature of the undertaking**

The proposed Doyles Quarry extension site is 10.4 hectares in size, to be developed for the purpose of gravel, sand and rock removal. The site is located approximately 2.5 kilometres due east of Doyles. Site access will be via an existing 1.6 km haul road, as well as established access roads developed within the existing quarry.

#### **3.2 Purpose/rationale/need for undertaking**

The development is required to allow Jeremy's Construction continued construction operation, a local supplier of gravel, sand and rock. He supplies on demand to local businesses and private customers.

### **4.0 Description of the undertaking**

#### **4.1 Geographic location**

The proposed extension is located 2.5 kilometres East of Doyles, and near an existing quarry already being developed by Jeremy's Construction, between the communities of Benoits Siding and Doyles, in the Codroy Valley, NL. Please refer to Figure 1. for approximate location of the proposed project site. Its location is contained in an area of a former Waste Management site, with 10.4 hectares obtained, leased and quarried by Jeremy's Construction for the purpose of supplying materials. The proposed extension site is 50 metres off the Little Codroy River, a provincially recognized salmon river.

## **4.2 Physical features**

### **4.2.1 Project site description**

The primary physical feature of this project will be the quarry itself. Access to the site will be via an existing 1.6 km haul road, currently leased by Jeremy's Construction Ltd. and within partially undeveloped Crown Land. There are no municipal boundaries in this area and no rezoning required. The proposed extension is not near any residences or cabins. The closest being 1.5 km East of the 1.6 km haul road off the Trans-Canada Highway.

### **4.2.2 Existing biophysical environment**

The climate in Codroy Valley is cold and temperate. The rainfall in Codroy Valley is significant, with precipitation even during the driest month. The climate here is classified as Dfb by the Köppen-Geiger system. The average annual temperature is 4.0 °C in Codroy Valley. About 1390 mm of precipitation falls annually.

The landscape in the vicinity of the Codroy Valley is dominated by good forest growth. The main tree species is balsam fir in association with black spruce and white spruce. Yellow birch, trembling aspen and tamarack are common. Eastern white pine, black ash, balsam poplar, and white birch also occur. On flat coastal areas, extensive plateau bogs occur, while slope fens and alder swamps are the dominant wetland type on nutrient rich slopes and valleys.

The topographical information of the proposed extension site includes some smaller hills, evergreen tree areas, and soil that consists mostly of sand, rock and dirt. There are no major mountains, rivers or streams in the area.

## **4.3 Construction and operation**

The proposed quarry extension is 10.4 hectares in size. The construction phase of the site development will consist of the following main components:

- A.) Site access
- B.) Site clearing; and
- C.) Quarry development

### **4.3.1 Site access**

Access to the site will be via an existing 1.6 km haul road, currently leased by Jeremy's Construction Ltd. Access roads will be constructed as required within the proposed quarry property during development and operations. The existing road will not need any upgrades as a result of the new quarry.

### **4.3.2 Site clearing**

Initially, some tree clearing will take place and will be harvested manually. Merchantable timber will be salvaged through the use of a hand held chainsaw. The wood will be stacked and removed from the site to be used primarily as firewood. Once all trees in the area have been harvested, the topsoil and grubbing will be removed and stockpiled for rehabilitation purposes.

#### **4.3.3 Quarry development**

As per the original permit application submitted to the Department of Industry, Energy and Technology the proposed extension site will be mined using heavy equipment such as excavator and trucks, and will have a gravel screener. Settling ponds and a wash plant will not be required for production at the site. The screener will be placed in close proximity to pit faces to maximize productivity and will be moved as necessary.

Typical quarrying methods will be utilized to collect overburden, sand and gravel deposit at the site. The operation will include excavation, screening, and loading of sand and gravel materials at the working face of the quarry. Materials will be processed to required specifications and stockpiled on site for transportation. Waste and oversized rock will also be stockpiled for future use. No drilling or blasting will be involved. The life expectancy of the 10.4 hectare extension is 10 years.

#### **4.4 Potential sources of pollution during construction and operation**

The construction phase of the development will consist of earth-moving activities. The potential sources of pollution during these activities include site drainage, waste and litter, noise, air emissions and potential release of petroleum hydrocarbons.

Domestic waste will be collected and disposed of per the Environmental Protection Act. Sewage will be handled by approved facilities during construction, and holding tanks will be pumped on an as-required basis.

Equipment on site will have appropriate emission-control equipment. Dust control measures, such as application of water, will be applied as needed. Noise levels are not expected to increase over typical operations.

The handling of petroleum products on site will comply with the Storage and Handling of Gasoline and Associated Products Regulations.

Proper ditching techniques along with filtered ditches will be used for site drainage as needed.

#### **4.5 Potential resource conflicts**

Potential resource conflicts are limited due to restricted site access, but could include the potential use of the area for recreational purposes or domestic firewood cutting.

#### **4.6 Occupations**

Site construction and operations for the proposed extension will likely include the following occupations, classified as per *National Occupational Classification, 2021*, and equipment. All listed personnel are existing employees or anticipated direct-hires, if available.

##### Quarry operations

1 Foreman/Supervisor - 72021

2 Heavy equipment operators – loader/excavator - 73400

1 Crushing equipment operator - 73400

1 Truck drivers - 75110

#### **4.7 Reclamation and closure**

##### **4.7.1 Reclamation methods**

Jeremy's Construction Ltd. standard reclamation practices, in keeping with permit conditions include:

- Surficial soils, subsoil, and grubbing will be stripped to the top of the aggregate to prepare each excavation phase.
- This material will be used as required for on-going and future reclamation.
- Sloping around the perimeter of the area will be achieved by leaving a buffer of sufficient aggregate in place along the boundary so that when re-contoured with a bulldozer, the pit-face of the mined out area can be sloped to the required angle.
- Following final sloping and contouring of the pit floor, the preserved organic material and subsoil will be spread and seeded.

#### **4.8 Project options considered**

Consideration of alternate locations were given, however, the current location, which is currently operated by Jeremy's Construction, was selected due to the availability of acceptable resources and the proximity of the current quarry.

#### 4.9 Project related documents

Jeremy's Construction Ltd. has previously applied for a quarry permit in the identified area.

The following is a list of likely permits, licences and approvals required for this project, some of which already in progress:

Approval/certificates/permits	Regulatory authority
NL Environmental Assessment Registration	NL Department of Environment and Climate Change, Environmental Assessment Division
Lease/Permit to Occupy Crown Lands	NL Department of Fisheries, Forestry and Agriculture, Crown Lands Division
Preliminary Application to Develop Land	Digital Government and Service NL
Water use permit	NL Department of Environment and Climate Change, Water Resources Management Division
Commercial Cutting Permit	NL Department of Fisheries, Forestry and Agriculture - Forestry and Agrifoods Agency – Massey Drive, Corner Brook
Quarry permit application no. 71113224	Department of Industry, Energy and Technology

#### 5.0 Schedule

Registration document submission	February 2025
Government review and decision	April 2025
Operations	Beginning of April 2025, with only a week needed to prepare site.

#### 6.0 Funding

The approximate cost of the project will be \$20,000 CAD, in clearing the area and creating needed access roads. The funding for this project will be provided by Jeremy's Construction Ltd.

#### 7.0 Submission

\_\_\_\_ February 2025 \_\_\_\_\_  
Date:

\_\_\_\_ DS: Jeremy Pope \_\_\_\_\_  
Name: Mr. Jeremy Pope  
  
Position: Owner, Jeremy's Construction Ltd.

Figure 1: Google Earth proposed quarry extension



Figure 2: UTM Zone 21 coordinates of proposed extension site

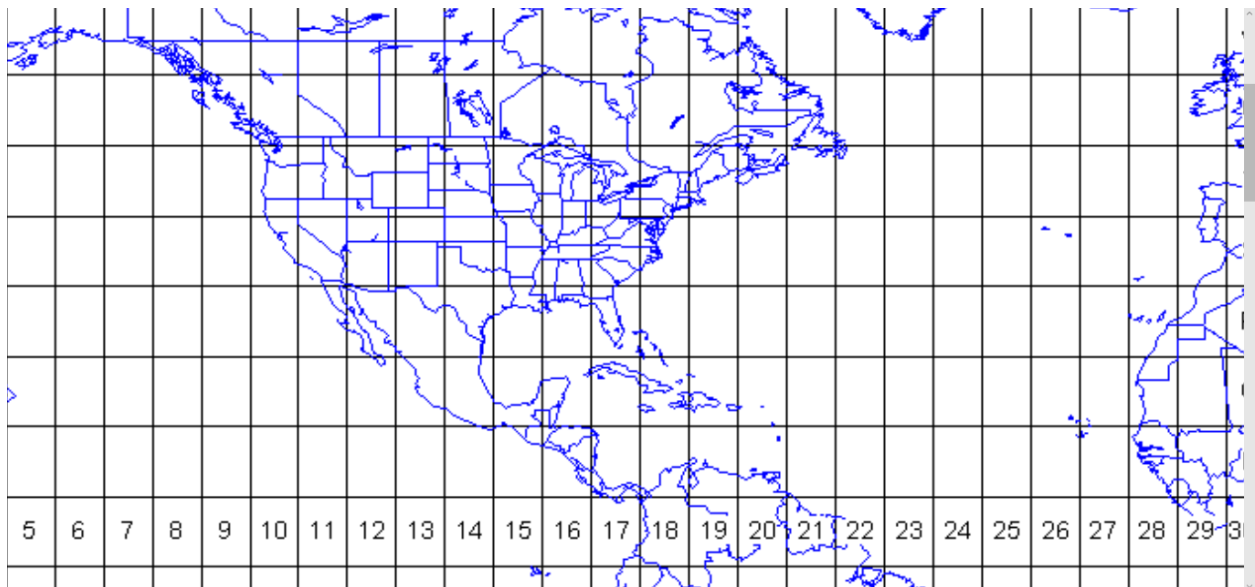




Figure 3: Site layout drawing with proximity to Little Codroy River

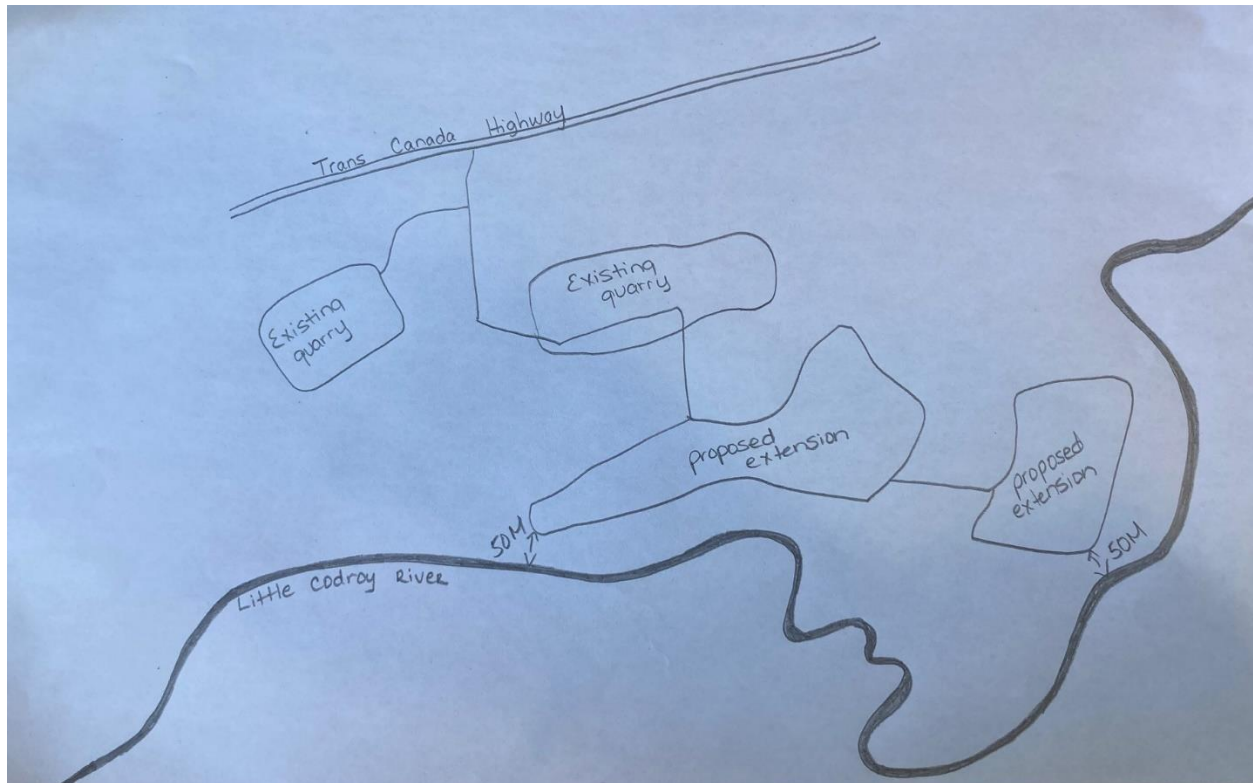




Figure 5: Google Earth with coordinates

